

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 4.2 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm , EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- 3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04): U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04



DATE: 07/21/2004

TIME: 09:35:09

IFWO

```
Input Set : A:\08321-168 US1.TXT
                     Output Set: N:\CRF4\07212004\J775481.raw
      4 <110 > APPLICANT: Waldman, Scott A.
              Pitari, Giovanni Mario
      6
              Park, Jason
      7
              Schulz, Stephanie
              Wolfe, Henry R.
      9
              Lubbe, Wilhelm
     11 <120> TITLE OF INVENTION: The Use Of GCC Ligands
     14 <130> FILE REFERENCE: 08321-0168 US1
     16 <140 > CURRENT APPLICATION NUMBER: US 10/775,481
     17 <141> CURRENT FILING DATE: 2004-02-10
     19 <150> PRIOR APPLICATION NUMBER: US 60/446,730
                                                                              Does Not Comply
     20 <151> PRIOR FILING DATE: 2003-02-10
                                                                              Corrected Diskette Ne
     22 <160> NUMBER OF SEQ ID NOS: 56
     24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
     26 <210> SEQ ID NO: 1
                                             what is the Source of genetic, ?

Source of genetic,?

Material?

Lys Cys Acri
     27 <211> LENGTH: 57
     28 <212> TYPE: DNA
     29 <213> ORGANISM: Artificial Sequence
     31 <220> FEATURE:
     32 <223> OTHER INFORMATION:
W--> 34 <221> NAME/KEY: CDS
     35 <222> LOCATION: (1)...(57)
W--> 37 < 400 > 1
     38 aac aac aca ttt tac tgc tgt gaa ctt tgt tgt aat cct gcc tgt gct
     39 Asn Asn Thr Phe Tyr Cys Cys Glu Leu Cys Cys Asn Pro Ala Cys Ala
     40 1
     42 gga tgt tat
                                                                            57
     43 Gly Cys Tyr
     47 <210> SEQ ID NO: 2
     48 <211> LENGTH: 19
                                             What is the source of genetic material?
     49 <212> TYPE: PRT
     50 <213> ORGANISM: Artificial Sequence
     52 <220> FEATURE:
     53 <223> OTHER INFORMATION:
     55 <400> SEQUENCE: 2
     56 Asn Asn Thr Phe Tyr Cys Cys Glu Leu Cys Cys Asn Pro Ala Cys Ala
     57 1
     58 Gly Cys Tyr
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/775,481

62 <210> SEQ ID NO: 3 63 <211> LENGTH: 18 64 <212> TYPE: PRT

67 <220> FEATURE:

65 <213> ORGANISM: Artificial Sequence

DATE: 07/21/2004

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PATENT APPLICATION: US/10/775,481
                                                            TIME: 09:35:09
                    Input Set : A:\08321-168 US1.TXT
                    Output Set: N:\CRF4\07212004\J775481.raw
                                          Same error
     68 <223> OTHER INFORMATION (ST I*
     70 <400> SEQUENCE: 3
    71 Asn Thr Phe Tyr Cys Cys Glu Leu Cys Cys Tyr Pro Ala Cys Ala Gly
    72 1
    73 Cys. Asn
    77 <210> SEQ ID NO: 4
    78 <211> LENGTH: 57
    79 <212> TYPE: DNA
    80 <213> ORGANISM: Artificial Sequence
    82 <220> FEATURE:
    83 <223> OTHER INFORMATION: ST Ib SAMERYON
W--> 85 <221> NAME/KEY: CDS
    86 <222> LOCATION: (1)...(57)
W--> 88 < 400 > 4
    89 aat agt agc aat tac tgc tgt gaa ttg tgt tgt aat cct gct tgt aac
    90 Asn Ser Ser Asn Tyr Cys Cys Glu Leu Cys Cys Asn Pro Ala Cys Asn
    91 1
                        5
    93 ggg tgc tat
                                                                         57
    94 Gly Cys Tyr
    98 <210> SEQ ID NO: 5
                                                                                  eded
    99 <211> LENGTH: 19
    100 <212> TYPE: PRT
    101 <213> ORGANISM: Artificial Sequence
                                          -SAME ERNOR
    103 <220> FEATURE:
    104 <223> OTHER INFORMATION: ST 1b
    106 <400> SEQUENCE: 5
    107 Asn Ser Ser Asn Tyr Cys Cys Glu Leu Cys Cys Asn Pro Ala Cys Asn
    108 1
                                            10
    109 Gly Cys Tyr
    113 <210> SEQ ID NO: 6
    114 <211> LENGTH: 15
    115 <212> TYPE: PRT
    116 <213> ORGANISM: Artificial Sequence
    118 <220> FEATURE:
    119 <223> OTHER INFORMATION: guanylin
    121 <400> SEQUENCE: 6
    122 Pro Asn Thr Cys Glu Ile Cys Ala Tyr Ala Ala Cys Thr Gly Cys
    126 <210> SEO ID NO: 7
    127 <211> LENGTH: 18
    128 <212> TYPE: PRT
    129 <213> ORGANISM: Artificial Sequence
    131 <220> FEATURE:
    132 <223> OTHER INFORMATION: fragment
    134 <400> SEQUENCE: 7
    135 Asn Asn Thr Phe Tyr Cys Cys Glu Leu Cys Cys Asn Pro Ala Cys Ala
    136 1
                         5
                                            10
    137 Gly Cys
    141 <210> SEQ ID NO: 8
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RAW SEQUENCE LISTING

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Input Set : A:\08321-168 US1.TXT

Output Set: N:\CRF4\07212004\J775481.raw

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143 <212> TYPE: PRT
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223 > OTHER INFORMATION: fragment,
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151 1
152 Cys
156 <210> SEQ ID NO: 9
157 <211> LENGTH: 16
158 <212> TYPE: PRT
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: (fragment
164 <400> SEQUENCE: 9
165 Thr Phe Tyr Cys Cys Glu Leu Cys Cys Asn Pro Ala Cys Ala Gly Cys
169 <210> SEQ ID NO: 10
170 <211> LENGTH: 15
171 <212> TYPE: PRT
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION:
177 <400> SEQUENCE: 10
178 Phe Tyr Cys Cys Glu Leu Cys Cys Asn Pro Ala Cys Ala Gly Cys
179 1
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184 <212> TYPE: PRT
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: (fragment
190 <400> SEQUENCE: 11
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197 <212> TYPE: PRT
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
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203 <400> SEQUENCE: 12
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205 1
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209 <211> LENGTH: 18
210 <212> TYPE: PRT
211 <213> ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING

DATE: 07/21/2004

PATENT APPLICATION: US/10/775,481

TIME: 09:35:09

Input Set : A:\08321-168 US1.TXT

Output Set: N:\CRF4\07212004\J775481.raw

O SAME errors

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214 <223> OTHER INFORMATION ( fragment
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219 Cys Tyr
223 <210> SEQ ID NO: 14
224 <211> LENGTH: 17
225 <212> TYPE: PRT
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: fragment
231 <400> SEQUENCE: 14
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233 1
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234 Tyr
238 <210> SEQ ID NO: 15
239 <211> LENGTH: 16
240 <212> TYPE: PRT
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
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246 <400> SEQUENCE: 15
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248 1
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251 <210> SEQ ID NO: 16
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253 <212> TYPE: PRT
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION:
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261 1
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264 <210> SEQ ID NO: 17
265 <211> LENGTH: 14
266 <212> TYPE: PRT
267 <213> ORGANISM: Artificial Sequence
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270 <223> OTHER INFORMATION. fragment
272 <400> SEQUENCE: 17
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277 <210> SEQ ID NO: 18
278 <211> LENGTH: 17
279 <212> TYPE: PRT
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION, fragment
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RAW SEQUENCE LISTING

DATE: 07/21/2004

PATENT APPLICATION: US/10/775,481

481 TIME: 09:35:09

Input Set : A:\08321-168 US1.TXT

Output Set: N:\CRF4\07212004\J775481.raw

& errors

```
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286 Asn Thr Phe Tyr Cys Cys Gly Leu Cys Cys Tyr Pro Ala Cys Ala Gly
287 1
288 Cys
292 <210> SEQ ID NO: 19
293 <211> LENGTH: 16
294 <212> TYPE: PRT
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: (fragment
300 <400> SEQUENCE: 19
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302 1
                     5
                                         10
305 <210> SEQ ID NO: 20
306 <211> LENGTH: 15
307 <212> TYPE: PRT
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION:(
                             fragment
313 <400> SEQUENCE: 20
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315 1
318 <210> SEQ ID NO: 21
319 <211> LENGTH: 14
320 <212> TYPE: PRT
321 <213> ORGANISM: Artificial Sequence
323 <220> FEATURE:
324 <223> OTHER INFORMATION:
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326 <400> SEQUENCE: 21
327 Tyr Cys Cys Glu Leu Cys Cys Tyr Pro Ala Cys Ala Gly Cys
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331 <210> SEQ ID NO: 22
332 <211> LENGTH: 13
333 <212> TYPE: PRT
334 <213> ORGANISM: Artificial Sequence
336 <220> FEATURE:
337 <223> OTHER INFORMATION: fragment
339 <400> SEQUENCE: 22
340 Cys Cys Glu Leu Cys Cys Tyr Pro Ala Cys Ala Gly Cys
341 1
344 <210> SEQ ID NO: 23
345 <211> LENGTH: 17
346 <212> TYPE: PRT
347 <213> ORGANISM: Artificial Sequence
349 <220> FEATURE:
350 <223> OTHER INFORMATION: (fragment
352 <400> SEQUENCE: 23
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353 Thr Phe Tyr Cys Cys Glu Leu Cys Cys Tyr Pro Ala Cys Ala Gly Cys

354 1'

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/775,481

DATE: 07/21/2004 TIME: 09:35:10

Input Set : A:\08321-168 US1.TXT

Output Set: N:\CRF4\07212004\J775481.raw

L:34 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:37 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:85 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:88 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4